


940nm 5W High Power LD | FAC optional | Hermetic Package

940nm 5W Laser Diodes with TO3 Package | Square Beam Optional

WSLD-940-005-3

Wavespectrum laser Group.

www.wavespectrum-laser.com

940nm Laser Diode		5W/TO3		Wavespectrum Laser Group	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	+10~+30		°C	
Storage Temperature	T_{stg}	-20~ +80		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> 940nm CW TO3 Package 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Laser Indicator Laser Detector 					
Specifications		WSLD-940-005-3			
		Min	Type	Max	
Center Wavelength@25°C		+/-5nm	940nm	+/-10nm	
Spectral Width (FWHM)		----	4.0nm	----	
Output Power		----	5W	----	
Emitter Area		200x1μm			
Beam Divergence (FWHM)		----	35°± x 8°//	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		1.0mW/mA	----	----	
Threshold Current (Typ.)		----	0.7A	1.0A	
Operating Current (Typ.)		----	5.3A	5.5A	
Operating Voltage		----	1.5V	1.8V	
Package Style		TO3			
Recommended Operating Temperature		25°C			



